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Monoclonal Antibody to Yersinia enterocolitica 0:3 - Purified **BM3038 Quantity:** 1 ml **Concentration:** 0.1 mg/ml

Background:	<i>Yersinia enterocolitica</i> is a species of gram-negative coccobacillus-shaped bacterium, belonging to the family <i>Enterobacteriaceae</i> . Only a few strains of <i>Y. enterocolitica</i> cause illness in humans. The major animal reservoir for Y. enterocolitica strains that cause human illness is pigs, but other strains are also found in many other animals. Acute <i>Y. enterocolitica</i> infections produce severe diarrhea in Humans, along with Peyer's patch necrosis, chronic lymphadenopathy, and hepatic or splenic abscesses.
Host / Isotype:	Mouse / IgG3
Recommended Isotype Controls:	AM03097PU-N
Clone:	2D8
Immunogen:	Yersinia enterocolitica serogroup 0:3 strain
Format:	State: Liquid purified IgG fraction Purification: Affinity Chromatography on Protein A Buffer System: PBS Preservatives: 0.09% Sodium Azide Stabilizers: 0.5% BSA
Applications:	Immunofluorescence: 1/20. Agglutination: Ready-to-use. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	2D8 specifically reacts with <i>Yersinia enterocolitica</i> serogroup 0:3 strains in both Agglutination and Immunofluorescence assays. The antibody does not react with <i>Y. enterocolitica</i> 0:9 and 0:8 serogroups. Species: <i>Yersinia enterocolitica</i> . Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C. Shelf life: one year from despatch.
General Readings:	1. Schmidt M, Sethi KK. Production and characterization of monoclonal antibodies specific for pathogenic serogroups 0:3, 0:8, and 0:9 of Yersinia enterocolitica. Zentralbl Bakteriol Mikrobiol Hyg A. 1987 Jun;265(1-2):113-23. PubMed PMID: 3314254.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.